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| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b> |  | ATTORNEY'S DOCKET NUMBER<br>2830-0184PUS1<br><br>U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><div style="font-size: 1.5em; font-weight: bold;">10/519940</div> |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/008389  | INTERNATIONAL FILING DATE<br>2 July 2003 | PRIORITY DATE CLAIMED<br>12 July 2002   |
| TITLE OF INVENTION     INTERNAL COMBUSTION ENGINE VARIABLE COMPRESSION RATIO SYSTEM   |  |   |
| APPLICANT(S) FOR DO/EO/US     Takashi KONDO and Makoto HIRANO   |  |   |

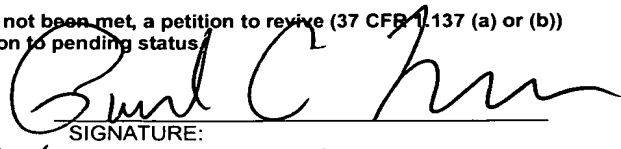
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: PCT/ISA/210 and Thirteen sheets of Formal Drawings

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| U.S. APPLICATION NO. (if known, see 37 CFR 1.51)<br><b>10519940</b>  |                             | INTERNATIONAL APPLICATION NO.<br>PCT/JP2003/008389                            |            | ATTORNEY'S DOCKET NUMBER<br>2830-0184PUS1  |                 |
| 21. The following fees are submitted:  |                             |   |            | Applicant Use  | Office Use Only |
| <input checked="" type="checkbox"/>  | a) Basic national fee ..... | \$300.00  |            | \$ 300.00  |                 |
| <input checked="" type="checkbox"/>  | b) Examination fee .....    | \$200.00  |            | \$ 200.00  |                 |
| <input checked="" type="checkbox"/>  | c) Search fee .....         | \$500.00  |            | \$ 500.00  |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                             |   |            | \$ 1,000.00  |                 |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.   |                             |   |            |  |                 |
| Total Sheets   | Extra sheets                | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |  |                 |
| 39 - 100 =   | /50 =                       |   | x \$250.00 |  |                 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).  |                             |   |            | \$ 130.00  |                 |
| CLAIMS   | NUMBER FILED                | NUMBER EXTRA  | RATE       |  |                 |
| Total claims   | 4 - 20 =                    |   | x          | \$ 0.00  |                 |
| Independent claims   | 1 - 3 =                     |   | x          | \$ 0.00  |                 |
| MULTIPLE DEPENDENT CLAIM(s) (if applicable)  |                             |   | +          | \$   |                 |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>   |                             |   |            | \$ 1,130.00  |                 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.   |                             |   |            | \$   |                 |
| <b>SUBTOTAL =</b>  |                             |   |            | \$ 1,130.00  |                 |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |                             |   |            | +  | \$              |
| <b>TOTAL NATIONAL FEE =</b>  |                             |   |            | \$ 1,130.00  |                 |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |                             |   |            | +  | \$              |
| <b>TOTAL FEES ENCLOSED =</b>   |                             |   |            | \$ 1,130.00  |                 |
| Amount to be refunded:   |                             |   |            |  | \$              |
| Amount to be charged:  |                             |   |            |  | \$              |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,130.00 to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.<br>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-2448. A duplicate copy of this sheet is enclosed.<br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |                             |   |            |  |                 |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.   |                             |   |            |  |                 |
| SEND ALL CORRESPONDENCE TO:  |                             |   |            |  |                 |
| CUSTOMER NUMBER: 02292<br>December 29, 2004<br>/smt  |                             |   |            | SIGNATURE: <br>NAME: James M. Slattery<br>#43,368<br>28,380<br>REGISTRATION NUMBER |                 |